

SOUKUP, E., MUDr.

Cystic disease of the hypophysis. Cesk. otolar. 5 no.4:  
252-255 Aug 56.

1. Z otolar. odd. OUMZ v Kromerizi, primar MUDr. E. Soukup.  
(PITUITARY GLAND, cysts,  
x-ray (Cs))

CERNY, M.; KUCERA, J.; SOUKUP, F.

Clinical genealogy. Cesk. pediat. 18 no.5:442-456 My '63.

1. Ustav obecne biologie fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. MUDr. RNDr. B. Sekla. Ustav pro paci o matku a dite v Praze, reditel doc. dr. M. Vojta, vedouci pediatrickeho useku doc. dr. K. Polacek. CSc.

(CHROMOSOME ABNORMALITIES) (SCHIZOPHRENIA)

(RETINITIS PIGMENTOSA) (ABNORMALITIES)

(PARAMYOCLONUS MULTIPLEX) (GENETICS, HUMAN)

SOUKUP, F.

Scleromalacia perforans. Cesk. oftal. 19 no.4:253-261 JI '63.

1. Ocní oddelení OMZ v Mlade Boleslavi, vedoucí MUDr. F.  
Soukup.

(SCLERA) (COLLAGEN DISEASES)  
(KERATOCONJUNCTIVITIS) (CORNEAL DYSTROPHIES)  
(NEOMYCIN) (HYDROCORTISONE) (TRIAMCINOLONE)

SOUKUP, F.; BURGER, L.

Corneal diseases accompanying monilethrix. Cesk. oftal. 19  
no.5:329-332 S '63.

1. Ocní oddelení OUNZ v Mlade Boleslaví, vedoucí MUDr. F.  
Soukup.

(HAIR) (CORNEAL DYSTROPHIES)  
(VITAMIN A DEFICIENCY) (DERMATITIS EXFOLIATIVA)

SOUKUP, F.

Polymorphous late degeneration of the cornea. Česk. oftal. 20 no.3:  
181-186 My. '64.

1. Oční oddělení OUNZ [Obvodní ústav národního zdraví] v Mladé  
Boleslavi (vedoucí MUDr. F. Soukup).

CERNY, M.; SOUKUP, F.; TOLAR, M.

Basic statistical methods in clinical genetics. Cas. lek. cesk. 102 no.38:Lek. ved. zahr. 9:174-181 20 S '63.

1. Biologicky ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta MUDr. et RNDr. B. Sekla.  
(GENETICS, HUMAN) (STATISTICS)

KRAMEROVA, Z.; VOJTA, V.; CERNY, M.; SEKLA, B.; SOUKUP, P.

Congenital cerebellar hypoplasia with congenital heart defect and autosomal trisomy in monozygotic twins. Cesk. pediat. 18 no. 12:1096-1100 D'63.

1. IV. detska klinika fakulty vseobecneho lekarstvi KU v Praze (prednosta: prof. dr. F. Blazek); Neurologicka klinika fakulty vseobecneho lekarstvi KU v Praze (prednosta: akademik K. Henner) a Biologicky ustav fakulty vseobecneho lekarstvi KU z Praze (prednosta: prof. dr. B. Sekla).

+

CERNY, M.; KORYCH, B.; SOUKUP, F.

Verification of species characteristics of some cell lines in  
Czechoslovakia. I. First report. J. Hyg. epidem. (Praha) 8  
no.3:353-363 '64

L. Department of Biology and Department for Medical Microbiology and Immunology, Medical Faculty, Charles University, Prague.

CERNY, M.; SOUKUP, F.; CERNA, M.; MISAROVA, Z.; SIMANKOVA, N.; ELEFANT, E.;  
BOHACOVA, Z.

Karyological findings in multiple malformations. Acta univ.  
Carol.[med] (Praha): Suppl. 18: 111-118 '64.

1. Ustav obecne biologie fakulty vseobecneho lekarstvi University  
Karlov v Praze (prednosta: prof. dr. B. Sekla); I. detska  
klinika fakulty detskeho lekarstvi University Karlov v Praze  
(prednosta: prof. dr. J. Svajcar); III. detska klinika fakulty  
vseobecneho lekarstvi University Karlov v Praze (prednosta:  
prof. dr. O. Vychytil) a IV. detska klinika fakulty vseobecneho  
lekarstvi University Karlov v Praze (prednosta: prof. dr.  
F. Blazek).

KORYCH, B.; CERNY, M.; SOUKUP, F.; MISAROVA, Z.; CERNA, M.; SIMANKOVA, N.;  
HOLECKOVA, E.; CHYLE, M.

Chromosomal characteristics of various lines of tissue cultures  
in Czechoslovakia. Acta univ. Carol. [med] (Praha):Suppl. 18:  
143-149 '64.

1. Ustav pro lekarskou mikrobiologii a imunologii fakulty vse-  
obecneho lekarstvi University Karlovy v Praze (prednosta: prof.  
dr. F. Patocka); Ustav obecne biologie fakulty cseobecneho lekarstvi  
University Karlovy v Praze (prednosta: prof. dr. B. Sekla) a  
I. detska klinika fakulty detskeho lekarstvi University Karlovy  
v Praze (prednosta: prof. dr. J. Svejcar).

LOMICKOVA, H. ; SOUKUP, F. MUDr.

About the development of detachment of the immature retina.  
Cesk. oftal. 21 no.3:271-277 My '65

1. II. Ocní klinika fakulty všeobecného lekarství Karlovy  
University v Praze (prednosta: Akademik J. Kurz) ; Ocní  
oddelení Obvodního ústavu národního zdraví v Mlade Boleslavi  
(Vedoucí: MUDr. F. Soukup).

9 (2, 3)

CZECH/14-59-12-27/4

AUTHORS: Kyt n, Otakar, and Soukup, Franti ek

TITLE: An Integrating Equipment for Measuring GM-Tube Characteristics

PERIODICAL: Sd lovaci technika, 1959, Nr 12, p 476

ABSTRACT: The authors give 10 formulae for measuring GM-tube characteristics. The basic circuit of the integrator is given in Fig 1. For a faultless functioning of this circuit, the arriving pulses must be previously normalized, for instance by a trigger circuit, and the irregularities between the various magnitudes of the circuit must be eliminated:  $U_o \geq U_{ss}$ ;
$$\frac{1}{n} \geq \sqrt{5R_1C_1} ; C_2 \geq C_1$$

n = number of pulses for a time unit. The unit to which this calculus refers is  $T = R_2C_2$ . Under these conditions each pulse with an amplitude  $U_o$  transmitted by the condenser  $C_1$  represents a charge:  $q = C_1U_o$ . For a time unit this will be:  $Q = nq = nC_1U_o$ . The medium quadratic deviation

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CZECH/14-59-12-27/41

An Integrating Equipment for Measuring GM-Tube Characteristics

caused by the non uniformity of the pulse timing from the GM tube is  $\Delta \bar{U} = \pm C_1 U_0 \sqrt{\frac{n R^2}{2C_2^2}}$  and the relative deviation is then proportional to  $\frac{\sqrt{n}}{n} \sim \frac{\Delta \bar{U}}{\bar{U}}$ . The characteristic of the GM tube is presented in Fig 2. The author then describes in details the process of measuring. Fig 3 shows an intermediary degree with a cathode follower and Fig 4 the circuit diagram of an electron tube voltmeter. There are 3 circuit diagrams, 1 graph and 2 Czechoslovak references.

Card 2/2

SOUKUP, Frantisek, inz.

"Handbook of electrical engineering 1964" edited by St.Roskota.  
Reviewed by Frantisek Soukup. Elektrotechnik 19 no.5:157-158  
My '64.

KOLAC, Miroslav; NEDVED, Jiri; SOUKUP, Frantisek; SAFRATA, Stanislav;  
SVEC, Karel; SOTT, Miloslav.

Equipment for the study of gamma radiation of oriented nuclei.  
Jaderna energie 10 no.7:23-246 J1'64

1. Institute of Nuclear Research, Czechoslovak Academy of  
Sciences, Rez.

E.26372-65(EWP(t)/EWP(b)/EWP(c)) DIA/P/IJP(c) JD

Z/0018/64/010/007/0243/0246

ACCESSION NR: AP4042144

AUTHOR: Kolac, Miroslav (Kolach, M.); Nedved, Jiri; Soukup, Frantisek; Safraata, Stanislav (Shafrata, S.); Sott, Miloslav (Shott, M.); Svec, Karel (Shvets, K.)

TITLE: A device for studying the gamma radiation of oriented nuclei

SOURCE: Jaderna energie, v. 10, no. 7, 1964, 243-246

TOPIC TAGS: gamma radiation, oriented nucleus, paramagnetic crystal, adiabatic demagnetization, one stage cryostat, liquid helium bath, vacuum casing, thermal insulation, scintillation spectrometer

ABSTRACT: The article describes a device with which a temperature on the order of 0.01°K was reached for the first time in the CSR in a paramagnetic crystal by adiabatic demagnetization, starting from a temperature of 1°K to which the crystal had been cooled. A one-stage cryostat and the experimental space with the sample were immersed in a liquid helium bath with a temperature of 4.2°K. Thermal insulation was insured by a vacuum casing. Vacuum apparatus, mostly of glass, served to evacuate the various spaces of the low-temperature apparatus and to ensure the liquid helium feed. In the verification of the operation of the whole device  $^{60}\text{Co}$  nuclei were oriented, set up directly in the cooling crystal of cerium magnesium

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ACCESSION NR: AP4042144

5

nitrate. Adiabatic demagnetization of this crystal was effected with a IAMA 80 electromagnet of a maximum field intensity of more than 20,000 gauss to zero field strength. The  $\text{Co}^{60}$  nuclei were then oriented by the Bleany method. Gamma radiation was detected by single channel scintillation spectrometers in the  $\theta = 0$  and  $\theta = \pi/2$  directions. The temperature of the crystal after demagnetization was measured by the ballistic method from the change of its susceptibility. The dependence of the angular distribution of gamma radiation on temperature in  $\text{Co}^{60}$  nuclei whose spins at the same temperatures had been oriented using the anisotropy of the internal field in a paramagnetic crystal was measured. The time dependence of the ballistic error and the characteristic curve  $W(0)$  and  $W(\pi/2)$  after demagnetization were independently measured in the experiments. Comparison of both relations shows that experiment is in good agreement with theory in the temperature interval 0.05 to 0.10°K; at  $T \leq 0.05$ °K the measured value is less than the theoretical value. The results obtained are in agreement with other experiments with  $\text{Co}^{60}$  in which other methods of orientation were used, and confirm the correct functioning of the device. These methods for studying oriented radioactive nuclei enrich the fund of basic research in nuclear physics. "The authors express their thanks to their co-workers Novakov, Praskov, Rodov, and Sedinov in the building and testing of the apparatus." Orig. art. has: 6 formulas and 5 figures.

Card 2/3

I 26372-65  
ACCESSION NR: AP4042144

ASSOCIATION: Ustav jadernho vyzkumu CSAV, Rez (Institute of Nuclear Physics,  
CSAV)

SUBMITTED: 00

ENCL: 00

SUB CODE: M7, S5

NO REF Sov: 000

OTHER: 006

Card 3/3

SOUKUP, F.

Using electricity for fishing.

p. 345 (ELEKTROTECHNIK) Vol. 12, no. 11, Nov. 1957,  
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

SOUKUP, F.

"Safety pays."

p. 380 (Elektrotechnik) Vol. 12, no. 12, Dec. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

SOUKUP, F.

Injuries caused by electric current.

P. 24. (ENERGETIKA) (Praha, Czechoslovakia) Vol. 8, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, May 1958

SOUKUP, F.; OPATRIL, B.

"The danger of organic dust explosions."

p. 86 (Energetika) Vol. 8, no. 2, Feb. 1958.  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

SOUKUP, F.

TECHNOLOGY

Periodicals: ELEKTROTECHNIK Vol. 14, no. 3, Mar. 1959

SOUKUP F. Kvapil, Solny, and Kalasek's Elektricke odpory pece ( Electric-Resistance Furnaces); a book review. p. 102.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5, May 1959, Unclass.

SOUKUP, F.

"Do you want to improve your technical qualification?"

ELECTROTECHNIK, Praha, Czechoslovakia, Vol. 14, No. 4, April 1959.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

SOUKUP, F.

Basic course of electrical engineering; Lesson 2; Production and transformation of electric power. (Supplement) p. 21.

ELEKTROTECHNIK. (Ministerstvo tezkeho strojirenstvi) Praha, Czechoslovakia. Vol. 14, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

SOUKUP, Frantishek [Soukup, František], inzh.; LARICHEV, V.I., red.;  
SHADRINA, F.D., tekhn.red.

[Electricity never accepts an excuse; 99 cases of violations of operating rules and safety rules with indications of their causes and consequences] Elektrичество не прощает; 99 случаев нарушений правил эксплуатации и техники безопасности с указанием их причин и последствий. Москва, Изд-во ВТэСПС Профиздат, 1960. 156 p. Translated from the Czech. (MIRA 14:2)

(Electric engineering--Safety measures)

PROCHAZKA, Jiri; KADLEC, Vaclav, inz.; SOUKUP, Frantisek, inz.

Results of the control of demineralization stations in  
Czechoslovakia. Energetika Cz 12 no.8:427-430 Ag '62.

1. Ceskomoravska-Kolben-Danek Dukla, n.p., Praha.

SOUKUP, Frantisek, inz.

"Handbook of heavy-current engineering" by Jaroslav Pribyslavsky.  
Reviewed by Frantisek Soukup. Elektrotechnik 17 no. 4:123 Ap '62.

SOUKUP, Frantisek, inz.

"Safety from electrical equipment in industry" by Rudolf Kupke.  
Reviewed by Frantisek Soukup. Elektrotechnik 18 nc.1:27 Ja  
'63.

SOUKUP, Frantisek, inz.

How to acquire the supplementary apprenticeship certificate of  
heavy-current engineering? Elektrotechnik' 18 no.8:217-218  
Ag '63.

SOUKUP, Frantisek, inz.

"Aluminum and its use in electrical engineering" by V. Vetrovec,  
B. Parez and others. Reviewed by Frantisek Soukup. El tech  
obzor 52 no.4:216 Ap '63.

SOUKUP, Frantisek, inz.

Technical development and problems of industrial safety.  
Eti tech obzor: Suppl.: Prakticka priloha 52 no.5:T29-T36 '63.

SOUKUP, F.; CERNY, M.; KUCERA, J.

Principles of genealogical research. Acta univ. Carol. [med]  
(Praha): Suppl. 18: 153-158 '64.

1. Ustav obecne biologie fakulty vseobecneho lekarstvi Uni-  
versity Karlovy v Praze (prednosta: prof. dr. B. Sekla) a  
Ustav pro peci i matku a dite (reditel: doc. dr. M. Vojta).

SOUKUP, Frantisek, inz.

Month of the Book, 1964. Elektrotechnik 19 no. 3:65-66  
Mr '64.

SOUKUP, Frantisek, Inz. (Prague)

Can accidents from electrical current be eliminated? Elektrotechnik  
20. no.1:7-9 Ja '65.

SOUKUP, František, inž.

New ideas on the protection from injuries by electric current.  
El. tech. obzor 54 no.1:14-18 Ja '65.

1. Submitted September 14, 1964.

*SOUKUP, IRZHI*

M-4

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10898

Author : Soukup, Irzhi

Inst :  
Title : The Problem of Raising and Reproducing the Gutta-Percha  
Tree (*Eucommia ulmoides Oliv.*) in a Temperature Climate.

Orig Pub : Za sots. s.-kh. nauku, 1957, A6, No 1, 55-104

Abstract : In 1953 the Scientific Research Institute of Decorative  
Gardening in Pruhonici (Czechoslovakia) conducted experi-  
ments on the vegetative reproduction of the eucommia by  
application of growth stimulators. Cuttings of various  
origins were also planted. It was determined that, in  
addition to the influence of the growth stimulators and  
of the external conditions (moisture and temperature),  
the state of the metabolism in the shoot tissues --  
their degree of maturity -- is an important factor in the  
formation of adventive roots. The cuttings which had been

Card 1/3

SOUKUP, Ivan, inz.

"Maintenance and repair of elevators" by Josef Vosahlo.  
Reviewed by Ivan Soukup. Elektrotechnik 18 no.3:91 Mr '63.

SOUKUP, J.

"Occurrence of Inocerami of the subcardissoides group in the Cretaceus of Bohemia."

SEORNIK, ODDIL PALEONTOLOGICKY, Praha, Czechoslovakia, Ustredni ustav geologicky. Vol. 22, 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.  
Uncl.

SOUKUP, J.

SOUKUP, J. Stratigraphic location of the cretaceous formation in the Bohemian Massif.  
p. 173.

Vol. 31, No. 4, 1956

VESTNIK

GEOGRAPHY & GEOLOGY

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, Feb. 1957

SOUKUP, J

Reproduction and growth of Eucalyptus ulmoides Oliv., the gutta-percha tree of  
the temperate zone. p.573. SBORNIK RADA LESNICTVI. Praha. Vol. 28  
no. 4, August 1955

SOURCE: East European Accessions List, (EEAL) Library of Congress  
Vol. 5, No. 8, August 1956

SOUKUP, J.

Good experience with the cultivation of corn for ensilage.

p. 33 (ROLNICKE HLASY) Vol. 11, no. 11, Nov. 1957,  
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March, 1958

SOUKUP, J.; SULC, S.

Automatization of the resistance welding of smaller parts  
on welding presses. p. 171. ZVARNIE. (Ministerstvo  
hutneho prumyslu a rudnych bani a Ministerstvo strojarstva)  
Bratislava. Vol. 5, no. 6, June 1956.

SOURCE: East European Accessions List, (EEAL).  
Library of Congress. Vol. 5, no. 12,  
December 1956.

SOUKUP, J.

Experiences from the influence of alcoholism on work efficiency. p. 175  
ZELEZNICAR. Praha, Czechoslovakia. No. 7, July 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

Country : CZECHOSLOVAKIA  
CATEGORY : Farm Animals. Dogs Q  
ABSTRACT : RZBiol., No. 13, 1958, No. 59593  
AUTHOR : Pospisil, J.; Soukup, J.; Komarek, J.  
INST. : -  
TITLE : The Hair Coat of the Dog  
ORIG. PUB. : Kynologie, 1957, 2, No 9, 198-200  
ABSTRACT : A description of the hair coat and pigmentation of the German sheep dog is given.  
CARD: 1/1

SOUKUP, J.; ZAPLETAL, V.; RUZICKA, V.; BAUER, J.

Contributions to the study of catalysts formed by decomposition of mixed salts. IV. Activity of Co-MgO-catalysts prepared by decomposition of cobalt-magnesium oxalates. Coll Cz Chem 25 no.4: 1113-1117 Ap '60. (EEAI 9:12)

1. Institut fur organische Technologie und Institut fur Mineralogie,  
Technische Hochschule fur Chemie Prag.  
(Catalysts) (Cobalt oxalate) (Magnesium oxalate)

SOUKUP, Jiri, inz.; MATOUS, Jan, inz.; SYKORA, Vaclav, doc., dr.; DUBSKY, Ferdinand, inz.

Use of synthetic ion-exchange materials as sorbents of vegetable nutrients. Rost výroba 8 no.11/12:1477-1486 D '62.

1. Vyzkumný ustav okrasného zahradnictví, Prahonice (for Soukup and Matous). 2. Katedra analytické chemie, Vysoká škola chemicko-technologická, Praha (for Sykora and Dubsky).

28601

2/042/61/000/008/004/004

E197/E335

9.3230 (also 1040, 1159)

AUTHOR: Soukup, Jiří

TITLE: Filters for the measurement of correlation functions

PERIODICAL: Elektrotechnický časopis, no. 8, 1961,  
pp. 524 - 531

TEXT: The purpose of the paper is a theoretical consideration of filters proposed for the measurement of correlation functions. The author refers to previous literature in which filters were proposed as part of a system for the correlation of input and output signals, and states that so far no investigation has been published as to the characteristics of such filters and proposes the notion of "relative frequency", defined as a product of true frequency and of time delay. The author proceeds to develop the transfer function, frequency response and phase shift of filters for the first, second, third and fourth moment, and concludes that a certain frequency band can be chosen for the working range which is outside the range of noise. In the example quoted, the noise range is taken as 100 - 10 000 rad/sec. and the working range ✓

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28601

Z/042/61/000/008/004/004

E197/E335

Filters for the ....

between 80 and 320 rad/sec. The relative frequency should generally be between 0.5 and 20 rad. The author concludes that with his work only a small portion of the problems were solved relating to filters for the measurement of correlation functions and suggests more comprehensive experimental research. There are 7 figures and 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Ceské vysoké učení technické, Praha  
(Czech Technical University, Prague)

SUBMITTED: February 21, 1961

X

Card 2/2

SOUKUP, Jiri, inz.

An adaptive model based on the principle of the RLC synthesizer.  
Slaboproudý obzor 23 no.10:573-576 0 '62.

1. Katedra matematiky a deskriptivní geometrie, elektronická  
fakulta, České vysoké učení technické, Praha.

**SOUKUP, Jiri, inz.**

The first practical results of using RLC synthetiser.  
El tech obzor 51 no.8:401-406 '62.

1. Katedra matematiky a deskriptivni geometrie elektrotechnicke fakulty, Ceske vysocene uzeni technicke.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652620005-4"

Z/039/63/024/002/006/006  
E140/E163

AUTHOR: Soukup, Jiří

TITLE: Some applications of an RLC synthesizer in the treatment of stationary random signals

PERIODICAL: Slaboproudý obzor, v.24, no.2, 1963, 103-106

TEXT: The article is a continuation of previous work of the author (Synthesizer RLC (RLC Synthesizer), URE ČSAV, Prague, 1961; Elektrotechnický obzor, v.51, no.8, 1962, 401-406; Slaboproudý obzor, v.23, no.10, 1962, 573-576), in which the operation of the RLC synthesizer is explained so as to facilitate the comprehension of the present account. Several new methods of determining the coefficients of an RLC synthesizer are derived, based on a somewhat different, more abstract approach to the problem of an RLC synthesizer. With regard to the papers previously published, there are introduced the transforms

$$S_{a,T}^a(k) = \frac{2}{T} \int_{-T/2}^{a+T/2} e^{at} \sin \frac{2\pi k}{T} t f(t) dt \quad (1)$$

Card 1/2

Some applications of an RLC ...

2/039/63/024/002/006/006  
E140/E153

and

$$c_{a,T}^a(k) = \frac{2}{T} \int_a^{a+T} e^{at} \cos \frac{2\pi k}{T} t f(t) dt. \quad (2)$$

A method is shown for ascertaining the coefficients of a given voltage or a given auto- or cross-correlation function. The formulas for the coefficients of an RLC synthesizer are then derived with the aid of a convolution in the above transforms. Such a synthesizer should approximate a four-terminal network defined exclusively either by its input and output signal or by the autocorrelation function of its input signal and the cross-correlation function between the input and output signals. The paper treats only the cases of the RLC synthesizer approximating a linear four-terminal network with constant parameters.

There are 2 figures.

ASSOCIATION: České vysoké učení technické, katedra matematiky a deskriptivní geometrie fakulty elektrotechnické, Praha  
(Department of Mathematics and Descriptive Geometry,  
Card 2/2 Electrical Engineering Faculty, Czech Technical High  
School, Prague). SUBMITTED: March 31, 1962

SYKORA, Vaclav, doc., inz.dr.; MATOUS, Jan, inz.; DUBSKY, Fr., inz.  
SOUKUP, Jiri, inz., CSc.

Use of synthetic ion exchangers as plant nutrient sorbents. Part 2.  
Rost výroba 9 no.11:1235-1246 N '63.

1. Vysoká škola chemicko-technologická, katedra analytické  
chemie, Praha; Výzkumný ústav okrasného zahradnictví,  
Pruhonice.

L 761-64

ACCESSION NR: AP3006231

z/0039/63/024/009/0541/0543

KB

AUTHOR: Soukup, Jiri

TITLE: A possibility of modelling some cases of long lines by means of an RLC synthesizer

SOURCE: Slaboproudý obzor, v. 24, no. 9, 1963, 541-543

TOPIC TAGS: synthesizer, RLC synthesizer, Dirac impulse, Fourier coefficient

ABSTRACT: The article discusses the possibility of using an RLC synthesizer as a model in solving problems of some long lines. The article describes a simple method for the determination of the coefficients of the synthesizer. It is based on a trigonometric approximation of an impulse of Dirac which is repeated periodically. This is a method of sigma coefficients; these must be used to multiply Fourier's coefficients. A calculation of a problem is shown and compared with results obtained with the use of a RLC synthesizer, which was constructed at Prague. Orig. art. has: 4 figures and 5 equations.

ASSOCIATION: Katedra matematiky a deskriptivní geometrie fakulty elektrotechniky,  
CVUT Prague (Chair of Mathematics and Descriptive Geometry, Faculty of Electrical  
(ENGINEERING)

Card 1/0

SOUKUP, Jiri, inz.; VERES, Juraj

Stove and parking are integral parts of transportation by  
motor vehicles. Doprava 6 no.6:434-440 '64.

SOUKUP, Jiri, inz. arch. VERES, Jurnaj

New standards for construction drawing. Normalizace 12 no.12:336-  
339 D '64.

1. Study and Standardisation Institute, Prague.

SOUKUP, Jiri, inz. arch.; VERES, Juraj

Interpretation of new standards on drawing in the building industry.  
Normalizace 13 no.3: Suppl: Za vyssi kvalifikaci pracovniku v technicke  
normalizaci: P1/33-P1/60 Mr '65.

1. Study and Typification Institute, Prague.

MATOUS, Jan, inz.; SOUKUP, Jiri, inz.; SYKORA, Vaclav, doc. dr.;  
DUBSKY, Ferdinand, inz.

Uptake of plant nutrients sorted on ion exchangers under  
the conditions of separated nutrition. Rost výroba 11  
no.1:93-100 Ja '65.

1. Research Institute of Ornamental Gardening, Pruhonice  
(for Matous and Soukup). 2. Chair of Analytical Chemistry  
of the Higher School of Chemical Technology, Prague 6,  
Technicka 5 (for Sykora and Dubsky). Submitted June 1, 1964.

SOUKUP, Jiri, inz. arch., VERES, Juraj

Interpretation of the new standards on drawing in the building industry. Normalizace 13 no.2: Suppl:P1/17-P1/32 F '65.

1. Study and Typification Institute, Prague.

L 40189-56 EWP(v)/EWP(k)/EWP(h)/EWP(l) BC  
ACC NR: AP6030057 SOURCE CODE: CZ/0039/65/026/007/0416/0415

AUTHOR: Soukup, Jiri Soukup, Y. (Engineer)

ORG: Department of Mathematics and Descriptive Geometry, Electrical Engineering  
Faculty, Czech Institute of Technology, Prague (Katedra matematiky a deskriptivni  
geometrie elektrotechnicke fakulty, CVUT)

TITLE: Note on the modelling of linear systems by means of a delay line

SOURCE: Slaboproudý obzor, v. 26, no. 7, 1965, 416-418

TOPIC TAGS: integration, linear system, mathematic model, pulse signal, circuit  
delay line

ABSTRACT: Until now the coefficients of synthesizers have been adjusted as if they  
were a time series of the desired pulse response. The article shows that such an  
adjustment is really an approximation of the respective convolute integral by the  
trapezoid rule and states how the coefficients may be adjusted so as to conform to  
higher integration rules. This will substantially improve the functioning of the  
entire equipment, especially if the signals to be dealt with have a greater number  
of limited differentiations. Formulas are given for estimating the errors in time  
and frequency, and an example is presented. Orig. art. has: 3 figures, 10 formulas  
and 1 table. [Based on author's Eng. abst.] JPRS: 33.541

SUB CODE: 12, 09 / SUBM DATE: 15Jul64 / ORIG REF: 001 / SOV REF: 002  
OTH REF: 004

Card 1/1

UDC: 621.316.7.001

ACC NR: AP6031564

SOURCE CODE: CZ/0039/65/026/008/0476/0479

37  
38

AUTHOR: Soukup, Jiri (Engineer)

ORG: Department of Mathematics and Descriptive Geometry, Electrical Engineering  
Faculty, CVUT, Prague (Katedra matematiky a deskriptivni geometrie elektrotechniske  
fakulty CVUT)

TITLE: Synthesis of logical threshold circuits

SOURCE: Slaboproudý obzor, v. 26, no. 8, 1965, 476-479

TOPIC TAGS: logic circuit, electronic circuit

ABSTRACT: Inaddition to some general considerations, the article suggests a  
transfiguration for splitting and joining logical threshold circuits, the most  
important transfiguration being that for joining a simple cascade, as it may  
facilitate considerable reduction of the number of active component parts in the  
more complicated net of logical threshold circuits. The method is very simple  
and well suited for practical use. Orig. art. has: 9 figures and 8 formulas.  
[Based on author's Eng. abst.] [JPRS]

SUB CODE: 09 / SUBM DATE: 09Feb65 / ORIG REF: 001 / OTH REF: 003

Card 1/1 btl.

UDC: 621.316.5.001

0919 0249

L 10479-67

ACC NR: AP6020163

(A) SOURCE CODE: CZ/0078/66/000/002/0017/0017

3

AUTHOR: Soukup, Karel (Suchdol near Prague)

ORG: none

TITLE: Encoding circuit. CZ Pat. No. PV 4212-65, Class 42

SOURCE: Vynalezy, no. 2, 1966, 17

TOPIC TAGS: encoding circuit, digit block

ABSTRACT: An Author Certificate has been issued for an encoding circuit linked to several digit blocks, each of which consists of several electric circuits. The rotors of the changeover switches of the individual digit blocks are coupled with the selection elements which, in turn, are kinetically linked via reset elements and shaftcontrolled cams to the rotor switches of the same or another digit. If, in the encoding program, the selection element positions correspond to several digits, the selection elements are designed as logic "NOR" gates which are kinetically coupled via reset elements to the pertinent digit cams. The selection elements may also be kinetically coupled with the mechanical logic "NOR" gates which are then tied

Card 1/2

L 10479-67

ACC NR: AP6080183

kinetically via reset elements to the same of another digit cam. The reset elements or logic gates used may be kinetically coupled with the other digit blocks, or they may actually form such blocks.

SUB CODE: 09/ SUBM DATE: 30Jun65/

Card 2/2

S/260/62/000/013/001/001  
1007/1207

AUTHOR: Soukup Karel.

TITLE: Method for training operators in the use of keyboard machines with a training device

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 40. Pribory tochnoy mekhaniki i ispytatel'nyye ustanovki, 13, 1962, 2, abstract 40.13.13.P. Czech patent, class 42 n, 2/01, no 98031. January 15, 1961

TEXT: The method for which the patent has been granted consists in the following: by means of a special keyboard device, the operator records the information, preliminarily stored on a punched tape, by reading or listening to it. The device automatically compares the record with the text on the punched card. In case of discrepancy, a light or sound signal automatically stops operation of the keyboard until the error is corrected. The device also indicates the number of correctly or wrongly recorded signals. The device has a simple relay-contact circuit. There are 3 figures.

[Abstracter's note: Complete translation.]

Card 1/1

E-62-2312

SOUKUP, Karel

Methods for establishment of work standard indexes in foundries.  
Slevarenstvi 10 no.3:105-109 Mr '62.

1. Zavody silnoproude elektrotechniky, Praha.

SOUKUP, Karel

Output standards as means for development of advanced  
production methods. Slevarenstvi 10 no.9:345-346 S '62.

1. Zavody silnoproude elekrotechniky, Praha.

HRUSA, Jiri, inz.; SOUKUP, Karel

Electromagnetic powder coupling. El tech obzor 52 no.9:498-506  
S '63.

1. Statni vyzkumny ustav silnoproude elektrotechniky.

SOUKUP, L.

Sahara explosion of the French atom bomb on February 13, 1960  
and its manifestations on Czechoslovak territory. Meteor.  
zpravy 15 no.16-20 F'62.

1. Hydrometeorologicky ustav, Praha.

SOUKUP, Ladislav

Refrigeration equipment for transportation. Prum potravin  
15 no.1:7-13 Ja'64.

1. Zavody Vitezneho unora, n.p., Vyzkumny ustav stroju chladi-  
cich a potravinarskych, Praha.

SOUKUP, Lubomir; MARTINEK, Ladislav; TOMAS, Josef, inz.

New method of manufacturing flywheel gear rims. Automobil  
Cz 8 no.1:24-25 Ja '64.

1. Automobilove zavody, Mlada Boleslav.

SOUKUP, M. ; SKRABAL, J.

"Rough machining of noncircular ingots on lathes with special attachment." p. 284.

STROJIRENSKA VYROBA. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO  
STROJIRENSTVI A MINISTERSTVO AUTOMOBILEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)  
Praha, Czechoslovakia, Vol. 7, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their  
Application. Dying and Chemical Treatment of  
Textile Materials.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17952

Author : Soukup, M.

Inst : Not given

Title : Analytical Control of Water Used in the Treatment of  
Wood

Orig Pub : Textil (Ceskosl.), 1957, 12, No 8, 302-304

Abstract : No abstract given

Card 1/1

H-160

SOUKUP, M.

"Thermic conditions of electric motors," Tehnicki Pregled, Zagreb, Vol 5, No 3, 1953, p. 119.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

SOUKUP, M.

"Tension of the control line and the electric blocking of the shaft door of passenger elevators," Tehnicki Pregled, Zagreb, Vol. 5, No 5/6, 1953, p. 236.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

SOUKUP, M.

"Protection against overloading elevator motors," Tehnicki Pregled, Zagreb,  
Vol 6, No 1, 1954, p. 24.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

SOUKUP, M.

"Diagrams of a working elevator and characteristics of a theoretically ideal elevator motor," Tehnicki Pregled, Zagreb, Vol 6, No 2, 1954, p. 69.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

L 10486-66 EWT(1)/EWA(h) TG

SOURCE CODE: C2/0014/65/000/001/0009/001

ACC NR: AP6003471

42

AUTHOR: Ihotak, Jiri (Engineer); Soukup, Milan

B

ORG: none

TITLE: Using transistors in industrial electronic equipment from the viewpoint of  
reliability

SOURCE: Sdelovaci technika, no. 1, 1965, 9-14

TOPIC TAGS: reliability engineering, transistor, circuit reliability

ABSTRACT: Reliability, selection, operating conditions and stabilization of transistors for industrial electronic applications are discussed in general. The test procedures are described which the Tesla National Enterprise, Strasnice employs to select standard transistors for telecommunications equipment. Imported industrial transistors are recommended for equipment in which the reliability requirements are stringent. Orig. art. has: 12 figures. [JPRS]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 002

HW  
Card 1/1

FAHNREICH, Vladimir, inz.; SOUKUP, Milos, dr.

Use of the ultraviolet light absorption for evaluating the  
suitability of water for use in electric power plants.  
Energetika Cz 11 no.12:589-593 D '61.

FAHNRICH, Vladimir, inz.; SOUKUP, Milos, dr.

Utilization of light absorption in ultraviolet spectrum for determining the suitability of water for use in power engineering. Energetika 12 no.1:19-20 Ja '62.

1. VSUPV, Ceskomoravska-Kolben-Danek- Dukla, n.p., Praha.

SOUKUP, Milos, inze.

Wasting of water is costly. Vodni hosp 13 no.2:41-42  
'63.

1. Statni planovaci komise, Praha.

SOUKUP, Milos, inz.

Are we using water economically? Vodni hosp 14 no.8:281-282 '64.

1. State Planning Commission, Prague.

SOUKUP, M.

Separation of humic substances by gel filtration on sephadex.  
Cell Gz Chem 29 no.12:3182-3184. P. '64.

1. Research Institute for the Treatment of Industrial Waters,  
Ceskomoravska-Kolben-Danek, National Enterprise Dukla, Prague.

SCUKUP, Miroslav

College education for higher employees of postal services  
in the Soviet Union. Czspoje 7 no.2:22-23,26. F '62.

1. Pracovník ministerstva dopravy a spojů.

SOUKUP, Miloslav

Before the 15th World Postal Congress in Vienna. Cs spoje 8  
no.5:29 0 '63.

1. Ustredni sprava spoju.

KASIK, Stanislav; KUDRNA, Jan; CHVOJKA, Zdenek; SOUKUP, Miroslav

Protection from ionizing radiation in a betatron laboratory. Cesk.  
rentgenol. 16 no.4:284-290 Ag '62.

1. Radiologicka klinika KUNZ v Hradci Kralove, prednosta prof. dr  
J. Bastecky Chirana, n. p., zavod Praha - Vysocany Hygienicko-  
epidemiologicka stanice UNZ UNW hl. mesta Prahy.  
(RADIATION PROTECTION)

Soukup, C.

Soukup, O. The economic importance of determining overhead expenses on a collective farm. p. 371. --Correct application of the quick-fattening method of pigs. P. 374. Vol. 3, no. 7, 1956, VESTNIK Praha. CZECHOSLOVAKIA

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

Soukup, O.

AGRICULTURE

Some theoretical problems concerning the determination of economic effectiveness  
of investments in agriculture. p. 857.

Vol. 31, no. 12, Dec. 1958.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

SOUKUP, O.

Ascertaining the economic effectiveness of capital investments and the necessity of a complex investigation of those investments in agriculture, p. 733.

SBORNIK. ZEMEDELSKA EKONOMIKA. Praha, Czechoslovakia. Vol. 5, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

SOUKUP, P., MUDr

Organization of activities in a rural district. Prakt. lek.,  
Praha 34 no.11:249-250 5 June 54.

1. Obvodni lekar, Vrchlabi.  
(PUBLIC HEALTH,  
in Czech., district system in rural areas)  
(RURAL CONDITIONS,  
in Czech., pub. health rural districts)

SOUKUP, V., MUDr.

Lowering absenteeism by bettering industrial hygiene. Cesk. zdravot.  
6 no.2:61-64 Mar 58.

1. Ministerstvo zdravotnictvi - odbor pece o pracujici.  
(INDUSTRIAL HYGIENE  
absenteeism, prev. (Cz))

STIKSA, J.; DVORAK, B.; PALEC, R.; SOUKUP, V.

Evaluation of working ability. Cesk. zdravot. 6 no.9:540-547 Sept 58.  
(DISABILITY EVALUATION (Cz))

SOUKUP, Vojtech

Processing of magnesite fly dust from rotary kilns by hydration.  
Rudy 12 no.5:160-161 My '64.

1. Slovenske magnezitove zavody National Enterprise, Kosice.

SOUKUPOVA, Dagmar

The effect of polytechnical education on the functional condition  
of the organism of the pupils of the 12 years' secondary school.  
Cesk. hyg. 7 no.2/3:169-172 '62.

1. Fakulta detskeho lekarstvi, Praha.  
(PHYSICAL FITNESS in adolescence) (VOCATIONAL EDUCATION)  
(CARDIOVASCULAR SYSTEM physiol)

SOUKUPOVA, Helena

Activity of the orthoptic clinic of the Ml. Boleslav District Health  
Center. Cesk. ofth. 17 no.7:539-540 N '61.

1. Ortopticka stanice v Mlade Boleslavi, prednosta dr. Frantisek  
Soukup.

(ORTHOPTICS hosp & clin)

SOUKUPOVA-HOREJSI, K.

Application of Pavlovian theory of etiology and pathogenesis  
of peptic ulcer. Sborn. pathofysiolog. trav. vyz. 5 no.1:2-7  
(CIML 21:1)  
Aug 1951.

1. Of the Fourth Internal Clinic (Head — Prof. B. Prusik, M.D.)  
of Charles University, Prague.

FUCIK, M.; GREGOR, O.; SOUKUPOVA, K.

Prothrombin level in peptic ulcer. Sborn. patofysiolog. trav. vyz.  
6 no. 4-6:283-286 Dec 1952. (CIML 24:1)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.) of  
Charles University, Prague.

SOUKUPOVA-HOREJSI, K.

Experience with Soviet diets. Sborn. pathofysiol. trav. vyz. 7 no.1-4:  
165-168 June 1953. (CIML 25:1)

SOUKUPOVA-HOREJSI, Kveta, MUDr.

Functional examination of gastric secretion. Prakt. lek.,  
Praha 35 no.15-16:361-364 20 Aug 55.

1. IV. interni klinika KU, prednosta prof. MUDr. B. Prusik.  
(STOMACH, physiology  
secretion, exam. with balloon sound)

EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1658. THE SERUM LIPID LEVEL FOLLOWING INTAKE OF A LARGE AMOUNT OF EGG YOLK (Russian text) - Soukupová K. and Heyrovský A. IVth Clin. for Intern. Dis. and End Clin. for Intern. Dis., Charles Univ., Prague - PHYSIOL. BOHEM. 1958, 7/2 (194-199) Graphs 5

The intake of a large amount of egg yolk produced alimentary lipaemia, cholesterol-aemia and phosphatidaemia, which reached a maximum in 2-6 hr. The peaks of these 3 curves did not usually occur within the same time sector. The serum phosphatides returned to their initial values more slowly than fats and cholesterol. The maximum changes in the phosphatide fractions do not correspond chronologically to the peak of changes in the phosphatides. All the fractions usually return to their initial values within 8 hr. In most cases the cholesterol-phosphatide ratio falls. In the cases described no differences were found in lipids in patients with or without arteriosclerosis.

Hahn - Prague

